

**MAJOR PROJECT - Final Report – 55%**

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| <b>Student Name:</b>          | <b>Leah Cahill</b>                                                                                                                     |
| <b>Title of Project:</b>      | <b>A Usability Study of Mobile Applications</b>                                                                                        |
| <b>Supervisor:</b>            | <b>Kemi Ademoye</b>                                                                                                                    |
| <b>2<sup>nd</sup> marker:</b> | <b>Michael Dacey</b>                                                                                                                   |
| <b>Course:</b>                | <b>BIT   BusComp   CIS   CNets   CSE   Electrical</b><br><b>Games   Mobile   TRE   SE   (Web)                      (please circle)</b> |
| <b>Project Type:</b>          | <b>Survey   Review   Experiment   (Development)                      (please circle)</b>                                               |

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|--------------------------------------------------------------------------------------------------------------------------|---------------|
|                                                                                                                          | <b>Mark %</b> |
| <b><u>First Marker's General Comments and Original Mark</u></b><br><br>A usability study with a suitable implementation. | <b>63</b>     |
| <b><u>Second Marker's General Comments and Original Mark</u></b><br><br>                                                 |               |
| <b><u>Comment After Consultation With Other Marker &amp; Final Agreed Mark</u></b><br><br>                               |               |

Signature: ..... Date: .....

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| <b>1. Research-informed Literature</b>                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |            |             |
| Introduction                                                                                                                                                                                                                                                                                                                                                                                                                                | /5     | /5     | /5         | 2/5         |
| Literature Review                                                                                                                                                                                                                                                                                                                                                                                                                           | /20    | /35    | /20        | 9/15        |
| Comments:<br>Introduction is very short and in effect is just a statement of the aim and objectives.<br><br>Literature review covers usability testing and UX in some detail, but there is only a relatively small amount of evaluation of the characteristics of designing applications for small screen displays. Consequently there is little evidence of the types of usability issues that should be tested for in the later research. |        |        |            |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Survey | Review | Experiment | Development |
| <b>2. Knowledge and Understanding of Subject</b>                                                                                                                                                                                                                                                                                                                                                                                            |        |        |            |             |
| Methodology                                                                                                                                                                                                                                                                                                                                                                                                                                 | /5     | /5     | /5         | 2.5/5       |
| Survey Design                                                                                                                                                                                                                                                                                                                                                                                                                               | /15    | -      | -          | -           |
| Requirements/Design                                                                                                                                                                                                                                                                                                                                                                                                                         | -      | -      | -          | 4.5/5       |
| Comments:<br><br>The research methodology is a bit confusing because it is not clear what the application being developed is going to demonstrate nor the types of results it was hoped to obtain from testing. In part, the problem is due to the initial survey results being presented before the requirements and implementation section.<br><br>Both software and visual design is provided.                                           |        |        |            |             |

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| <b>3. Analysis</b>                                                                                                                                                                                                                                                                                                                                      |        |        |            |             |
| Results & Discussions                                                                                                                                                                                                                                                                                                                                   | /25    | /25    | /25        | 18/25       |
| Conclusions and Recommendations                                                                                                                                                                                                                                                                                                                         | /10    | /10    | /10        | 7/10        |
| Comments:<br>The results demonstrate that the new application solved some problems initially identified. A little more discussion should have been provided on the reason a question was asked before discussing the answer. In the evaluation, a little more should have been made of the design changes required and how they improved the usability. |        |        |            |             |
|                                                                                                                                                                                                                                                                                                                                                         | Survey | Review | Experiment | Development |
| <b>4. Practical Application and Deployment</b>                                                                                                                                                                                                                                                                                                          |        |        |            |             |
| Development                                                                                                                                                                                                                                                                                                                                             | -      | -      | -          | 10/15       |
| Experimental Design                                                                                                                                                                                                                                                                                                                                     | -      | -      | /15        | -           |
| Comments:<br>Implementation allowed usability testing to be conducted and provided a suitable challenge.                                                                                                                                                                                                                                                |        |        |            |             |

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| <b>5. Skills for Professional Practice</b>                                                                                                                                                                                                                                                                                                                                                              |             |             |             |             |
| Reflection                                                                                                                                                                                                                                                                                                                                                                                              | /10         | /10         | /10         | 5/10        |
| Quality of Report                                                                                                                                                                                                                                                                                                                                                                                       | /10         | /10         | /10         | 5/10        |
| <b>Comments:</b><br>The reflection showed the progress the student had made through the project.<br><br>The structure of the report often left the reader a little confused because of insufficient introduction or explanation. For example, the initial survey immediately follows the methodology and it is not very clear why this has been done or that it was for an existing mobile application. |             |             |             |             |
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| <b>TOTAL:</b>                                                                                                                                                                                                                                                                                                                                                                                           | <b>/100</b> | <b>/100</b> | <b>/100</b> | <b>/100</b> |